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Specifications

Emmo G550A

Motor	Continuous 500W brushless CPU motor
Climbing angle	20 degrees incline
Torque	60Nm
Load Capacity	300Lb
Front brake	Drum brakes
Rear brake	EABS (electronic absorption braking system)
Max speed	32km/h
Recharge distance	65-70 km *
Controller	
Output torque	60Nm
Battery type	Sealed Lead Acid
Battery capacity	48V / 20Ah
Charging time	3-8 hours
Charger	110V / 2.8A
Speed control	Throttle controlled
Lights voltage	12V
Wheel size	16” x 3.0”
Tire pressure	Front - 35 psi / Rear – 40 psi
Body size	1650x760x1320
Weight (incl. Battery)	75 kg
Cruise control	No
Alarm	Yes
Steering lock	Yes

* The distance is calculated on 200Lb rider without extra cargo, on level ground, no stops, no winds, with new battery.

I. Important Information

This vehicle is a power assisted bicycle and meets all the requirements under section2(1) of the Canada motor vehicle safety regulations.

Before you start your electric bicycle, you must ensure to comply by all laws regarding electric bicycles according to the Highway Traffic Act.

1. All riders must be over 16 years of age
2. Inspect and ensure that all signals, lights and brakes are working in good condition
3. Must wear a properly fitted helmet approved by your municipal bylaws
4. Pedals must be installed and functional
5. Remember to turn the bicycle off when driver is not on the bike
6. Abide by all traffic laws
7. Bicycle must have the Bylaw sticker stating that it is a “power assisted bicycle” at all times.

II. Bike Overview

1. Mirror 2. Handle 3. Head lights 4. Signal lights 5. Front wheel/ brake 6. Battery 7. Side stand 8. Middle stand 9. Pedals 10. Rear wheel 11. Motor 12. Rear EABS 13. Under seat trunk 14. Rear trunk 15. Rear brake / signal lights

Features

1. Security system

Emmo bikes come with alarm system which can be activated when parked for safety of the bike. This can be set and unlocked from the remote controller.

There are also steering locks that can be locked for added security. Steering will be locked to the left most position and will be only unlocked with a key.

Batteries are also locked by key and secondly by pushing the handles into the battery.

2. Smart Brushless Motor

Emmo e-bikes are equipped with a brushless hub motor that are efficient yet give continuous 500W of power to push any riders at enjoyable speeds.

III. Safety Guidelines

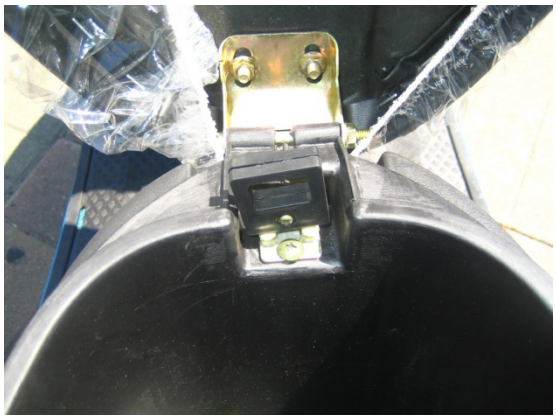
Before riding the Emmo electric bike, please carefully read and completely comprehend the manual. Follow all instructions and warnings.

- Follow local traffic laws and know the road restrictions.
- Share the road or path with others – motorists, pedestrians, and other cyclists.
- Ride cautiously.
- Wear an approved helmet.
- Ride on the right hand edge of the road but not on the side walk.
- Emmo e-bikes are not to be operated by any individual with a physical or mendal disability.
- Never operate after drinking or under the influence of drugs.
- Do not use cell phone, iPod or other electric equipment when operating Emmo e-bike.
- Stop at all STOP sighns and traffic lights.
- Always use turning signal or hand gesture when you intend to change lanes or make a turn.
- Always ride the Emmo E-bike at safe speed which allows for safe braking.
- Do not brake and accelerate at the same time. It will damage the motor.
- Do not use front brake only. The momentum will tip over the bike.
- Ride slowly when going downhill or in rainy or wet road conditions. Gently apply the brake and release if for several times to reduce the momentum of your bike.
- Do not turn sharp corners especially in wet and rainy conditions.
- Do not wear clothing that will obstruct your vision or get caught in the moving parts.

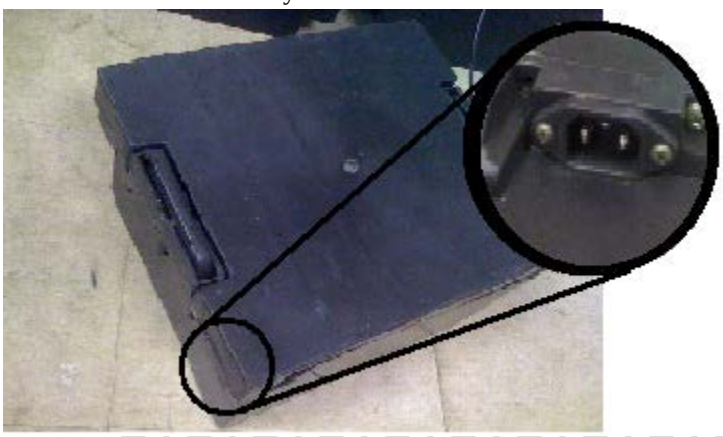
IV. Charging

The battery equipped with your bike is top of the line Lead-Acid battery which is safe and reliable.

A. Indoor Charging



The battery pack has security features for protection. To unlock the battery, first, ensure the bike is turned off. Secondly, you must open the seat trunk and pull the lever straight up as shown in the picture. This step will allow the two handles to pop up from the battery. Then, with your key, open a secondary lock located on the floor of the bike. Lastly, pull the battery straight up with both handles and rest it on the side of the bike. You will see a wire plugged into the battery. Gently pull it off and take the battery indoors.



Once indoors, plug the charger into the battery-side first. This side must be firmly pushed in all the way. After, plug the charger into the wall.

Make sure to plug the charger into the battery first, then into the wall. Also, Unplug the battery first and then, unplug the wall outlet.

When it is plugged in, the charger will show a red light while charging. After the battery is fully charged, the charger signal will turn green and cut down the power.

When fully charged, unplug the battery-side plug first then, unplug the wall outlet.

B. Outdoor Charging

There is also a plug on the bike itself for charging outdoors. They are located in front of the seat as shown in the picture. As explained above for indoor charging, you must plug the charger to the bike securely first, then plug the charger to the wall.

Make sure to plug the charger into the battery first, then into the wall. Also, Unplug the battery first and then, unplug the wall outlet.

V. How to start the e-bike

A. Key start

You are given two sets of keys for spare. The single key opens battery lock, under seat cargo and the trunk space. Most importantly, it starts the bike.

- Once key is inserted, one click clock wise, towards “ON” turns on the bike.
- To leave it turned off, leave the key at “OFF” position. This will not lock the steering.
- To lock the steering, first insert key at “OFF” position and while turning the handle to the left, firmly push the key in and turn key counter clockwise, to “LOCK” position. You may have to jiggle the handle to find the right position.
- To unlock steering, simply insert the key and turn clockwise.

When key is used to turn on the bike, use the key to turn off the bike. Always remember to lock the steering and set the alarm on when you park the bike

B. Remote Start

You are also given two sets of remote for your bike. From the key, the bike can be unlocked, locked, remotely started, and set off alarm.

- To lock the bike, press and hear the alarm setting sound.
- To unlock the bike, press to unlock and hear a double sound.
- For panic button, , press to make noise and find your bike.
- To turn off a remotely started bike, click once to turn off.

When the bike was turned on using remote start, always use the unlock button to turn the bike off, the key will not turn the bike off.

VI. Operating guide

The basic operating rules for the control panel are the same as any car or motorcycle. And driving and safety rules are similar to a regular bicycle.

On the dashboard, as shown to the left, many indicators are located for your convenience.

1. Power indicator to show bike is turned on
2. Battery meter to indicate how much power is left.
3. Speedometer for your safety.
4. Turn signal lights
5. High beam head light

1. Turn the throttle towards yourself go give the motor some power. This will start the motor running and push the bike forward.
2. The light setting has three positions.
   A. When this switch is set to the right most setting, there will be no lights. Only the rear brake lights will come on when you brake. This setting is for daytime use.
   B. The middle position will turn on the lights on your speedometer and your rear brake lights. This setting is for dawn or dusk when there is little bit of light.
   C. The left most setting on this switch will turn on all the lights. Headlights, control panel

lights and rear brake lights.

3. This green button is the speed controller. Normally, this button is on the off position and will allow the bike to go at 32 km/h. When you feel that you are low on battery, push this button. When engaged, the bike will only run at 20 km/h but will last the battery longer on your trip to home.
4. The button for honk will make the honk noise to be used to warn others.

On the left handle side, there are:

1. Headlight setting
2. Signal light switch
3. Honk

1. There are two settings for headlights, the lower button is for low beam, and upper button is to turn on the high beam.
2. The turning signal lights are located in the front and back. Push the switch to right to turn on the right signal or left for left signal lights. To turn off the signal lights, push this button straight in until you hear a click.
3. This honk button serves the same purpose as the right honk.

A. Driving the e-bike

1. Abide by all traffic laws.
2. Always stay on the right hand side of the road
3. If there is a bicycle lane, stay on the bicycle lane.
4. You may travel on bike paths within parks.
5. Always use turn signals to warn others on the road.
6. When turn signal is not working, use hand signals and get it fixed right away.
7. Remember to turn on head lights and rear brake lights when dark.
8. Use rear brake first to avoid tipping over

VII. Warranty Information

Your bike comes with 1 year comprehensive warranty with EMMO Inc. This includes all except plastic parts, and any wear down parts.

Your warranty may be void / cancelled for following reasons.

A. Products that have been modified, disassembled, abused, poorly maintained.

B. Involved in any accident or collision

C. Disassembled or repaired by unauthorized dealer or person during warranty period.

D. Rewired electrical circuit

E. Purchased in box and assembled by the user

F. The frame number and motor serial is erased, scratched or removed from the bike

G. The frame number and motor serial does not match our records